

#2.

DATE: 03/13/2002

TIME: 10:17:31

Output Set: N:\CRF3\03132002\J081108.raw

ENTERED

2 (i) APPLICANT: van der Bruggen et al.

6 (iii) NUMBER OF SEQUENCES: 9

8 (A) ADDRESSEE: Felfe & Lynch

9 (B) STREET: 805 Third Avenue

10 (C) CITY: New York

11 (D) STATE: New York

12 (E) COUNTRY: USA

13 (F) ZIP: 10022

14 (v) COMPUTER READABLE FORM:

15 (A) MEDIUM TYPE: 3.5 inch 1.44 Mb storage diskette

16 (B) COMPUTER: IBM PS/2

17 (C) OPERATING SYSTEM: PC-DOS

18 (D) SOFTWARE: Wordperfect

19 (vi) CURRENT APPLICATION DATA:

C--> 20 (A) APPLICATION NUMBER: US/10/081,108

C--> 21 (B) FILING DATE: 20-Feb-2002

22 (C) CLASSIFICATION:

23 (vii) PRIOR APPLICATION DATA:

24 (A) APPLICATION NUMBER: 09/435,524

25 (B) FILING DATE: 08-Nov-1999

26 (A) APPLICATION NUMBER: 09/038,328

27 (B) FILING DATE:

28 (A) APPLICATION NUMBER: 08/079,110

29 (B) FILING DATE: June 17, 1993

30 (viii) ATTORNEY/AGENT INFORMATION:

31 (A) NAME: Pasqualini, Patricia A.

32 (B) REGISTRATION NUMBER: 34,894

33 (C) REFERENCE/DOCKET NUMBER: LUD 5310.2

34 (ix) TELECOMMUNICATION INFORMATION:

35 (A) TELEPHONE: (212) 688-9200

36 (B) TELEFAX: (212) 838-3884

37 (2) INFORMATION FOR SEQ ID NO: 1:

38 (i) SEQUENCE CHARACTERISTICS:

39 (A) LENGTH: 1004

40 (B) TYPE: nucleic acid

41 (C) STRANDEDNESS: single

42 (D) TOPOLOGY: linear

RAW SEQUENCE LISTING

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43 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
44 CGCCAATTTA GGGTCTCCGG TATCTCCCGC TGAGCTGCTC TGTTCCCGGC TTAGAGGACC 60
45 AGGAGAAGGG GGAGCTGGAG GCTGGAGCCT GTAACACCGT GGCTCGTCTC ACTCTGGATG 120
46 GTGGTGGCAA CAGAGATGGC AGCGCAGCTG GAGTGTTAGG AGGGCGGCCT GAGCGGTAGG 180
47 AGTGGGGCTG GAGCAGTAAG ATG GCG GCC AGA GCG GTT TTT CTG GCA TTG TCT 233
48 Met Ala Ala Arg Ala Val Phe Leu Ala Leu Ser
49 5 10
50 GCC CAG CTG CTC CAA GCC AGG CTG ATG AAG GAG GAG TCC CCT GTG GTG 281
51 Ala Gln Leu Leu Gln Ala Arg Leu Met Lys Glu Glu Ser Pro Val Val
52 15 20 25
53 AGC TGG AGG TTG GAG CCT GAA GAC GGC ACA GCT CTG TGC TTC ATC TTC 329
54 Ser Trp Arg Leu Glu Pro Glu Asp Gly Thr Ala Leu Cys Phe Ile Phe
55 30 35 40
56 TGAGGTTGTG GCAGCCACGG TGATGGAGAC GGCAGCTCAA CAGGAGCAAT AGGAGGAGAT 389
57 GGAGTTTCAC TGTGTCAGCC AGGATGGTCT CGATCTCCTG ACCTCGTGAT CCGCCCGCCT 449
58 TGGCCTTCCA AAGTGCCGAG ATTACAGCGA TGTGCATTTT GTAAGCACTT TGGAGCCACT 509
59 ATCAAATGCT GTGAAGAGAA ATGTACCCAG ATGTATCATT ATCCTTGTGC TGCAGGAGCC 569
60 GGCTCCTTTC AGGATTTTCAG TCACATCTTC CTGCTTTGTC CAGAACACAT TGACCAAGCT 629
61 CCTGAAAGAT GTAAGTTTAC TACGCATAGA CTTTTAAACT TCAACCAATG TATTTACTGA 689
62 AAATAACAAA TGTTGTAAAT TCCCTGAGTG TTATTCTACT TGTATTAAAA GGTAATAATA 749
63 CATAATCATT AAAATCTGAG GGATCATTGC CAGAGATTGT TGGGGAGGGA AATGTTATCA 809
64 ACGGTTTCAT TGAAATTTAA TCCAAAAAGT TATTTCTCTA GAAAAATCAA ATAAAGTTTG 869
65 CATGTTTTTT ATTCTTAAAA CATTTTAAAA ACCACTGTAG AATGATGTAA ATAGGGACTG 929
66 TGCAGTATTT CTGACATATA CTATAAAATT ATTAATAAAGT CAATCAGTAT TCAACATCTT 989
67 TTACACTAAA AAGCC 1004
69 (2) INFORMATION FOR SEQ ID NO: 2:
70 (i) SEQUENCE CHARACTERISTICS:
71 (A) LENGTH: 43
72 (B) TYPE: amino acid
73 (C) STRANDEDNESS: single
74 (D) TOPOLOGY: linear
75 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
76 Met Ala Ala Arg Ala Val Phe Leu Ala Leu Ser Ala Gln Leu Leu Gln
77 5 10 15
78 Ala Arg Leu Met Lys Glu Glu Ser Pro Val Val Ser Trp Arg Leu Glu
79 20 25 30
80 Pro Glu Asp Gly Thr Ala Leu Cys Phe Ile Phe
81 35 40
83 (2) INFORMATION FOR SEQ ID NO: 3:
84 (i) SEQUENCE CHARACTERISTICS:
85 (A) LENGTH: 9
86 (B) TYPE: amino acid
87 (C) STRANDEDNESS: single
88 (D) TOPOLOGY: linear
89 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
90 Ala Ala Arg Ala Val Phe Leu Ala Leu
91 5
93 (2) INFORMATION FOR SEQ ID NO: 4:
94 (i) SEQUENCE CHARACTERISTICS:

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RAW SEQUENCE LISTING

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95 (A) LENGTH: 9
96 (B) TYPE: amino acid
97 (C) STRANDEDNESS: single
98 (D) TOPOLOGY: linear
99 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
100 Ala Arg Ala Val Phe Leu Ala Leu Phe
101 5
103 (2) INFORMATION FOR SEQ ID NO: 5
104 (i) SEQUENCE CHARACTERISTICS:
105 (A) LENGTH: 9
106 (B) TYPE: amino acid
107 (C) STRANDEDNESS: single
108 (D) TOPOLOGY: linear
109 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
110 Met Ala Ala Arg Ala Val Phe Leu Ala
111 5
113 (2) INFORMATION FOR SEQ ID NO: 6:
114 (i) SEQUENCE CHARACTERISTICS:
115 (A) LENGTH: 18
116 (B) TYPE: nucleic acid
117 (C) STRANDEDNESS: single
118 (D) TOPOLOGY: linear
119 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
120 TGGCTCGTCT CACTCTGG
122 (2) INFORMATION FOR SEQ ID NO: 7:
123 (i) SEQUENCE CHARACTERISTICS:
124 (A) LENGTH: 19
125 (B) TYPE: nucleic acid
126 (C) STRANDEDNESS: single
127 (D) TOPOLOGY: linear
128 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
129 CCTCCTATTG CTCCTGTTG
131 (2) INFORMATION FOR SEQ ID NO: 8:
132 (i) SEQUENCE CHARACTERISTICS:
133 (A) LENGTH: 19
134 (B) TYPE: nucleic acid
135 (C) STRANDEDNESS: single
136 (D) TOPOLOGY: linear
137 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
138 GGCATCGTGA TGGACTCCG
140 (2) INFORMATION FOR SEQ ID NO: 9:
141 (i) SEQUENCE CHARACTERISTICS:
142 (A) LENGTH: 19
143 (B) TYPE: nucleic acid
144 (C) STRANDEDNESS: single
145 (D) TOPOLOGY: linear
146 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
147 GCTGGAAGGT GGACAGCGA

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RAW SEQUENCE LISTING ERROR SUMMARY
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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 44,45,46,47,50,53,56,57,58,59,60,61,62,63,64,65,66,67
Seq#:6; Line(s) 120
Seq#:7; Line(s) 129
Seq#:8; Line(s) 138
Seq#:9; Line(s) 147

VERIFICATION SUMMARY

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L:20 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:21 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]